

Lehman, Karen

From: Nicholson, Eric

Sent: Wednesday, August 28, 2002 9:34

T : STIC-EIC3600

Subject: Litigation review for 10/008106

Hello

May I have a litigation review for Reissue application 10/008106 please?

Eric Nicholson

emp. no.: 64361

a.u. : 3679

room: Park 5 - 2A25

phone: 703-308-0829

Thanks!

8/28/02

1/39/1

DIALOG(R) File 345:Inpadoc/Fam. & Legal Stat
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13979117

Basic Patent (No, Kind, Date): WO 9744608 A1 19971127 <No. of Patents: 011>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
BR 9709342	A	19990810	BR 97U9342	A	19970520
DE 69707665	C0	20011129	DE 69707665	A	19970520
DE 69707665	T2	20020808	DE 69707665	A	19970520
EP 898676	A1	19990303	EP 97924793	A	19970520
EP 898676	A4	19990818	EP 97924793	A	19970520
EP 898676	B1	20011024	EP 97924793	A	19970520
ES 2166543	T3	20020416	ES 97924793	EP	19970520
NO 9805466	A	19981123	NO 985466	A	19981123
NO 9805466	A0	19981123	NO 985466	A	19981123
US 5791693	A	19980811	US 962182	A	19971031
WO 9744608	A1	19971127	WO 97US8701	A	19970520 (BASIC)

Priority Data (No, Kind, Date):

US 651646 A 19960522
WO 97US8701 W 19970520
US 962182 A 19971031
US 651646 B1 19960522

PATENT FAMILY:

BRAZIL (BR)

Patent (No, Kind, Date): BR 9709342 A 19990810

JUNTA "PUP" INTEGRAL (Portugese)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD PAULA A

Priority (No, Kind, Date): US 651646 A 19960522; WO 97US8701 W
19970520

Applic (No, Kind, Date): BR 97U9342 A 19970520

IPC: * F16L-019/02

Derwent WPI Acc No: * G 98-018616

Language of Document: Portugese

BRAZIL (BR)

Legal Status (No, Type, Date, Code, Text):

BR 9709342 P 20020312 BR FF INTENTION TO GRANT (PEDIDO
DEFERIDO)

CANADA (CA)

Legal Status (No, Type, Date, Code, Text):

CA 2255630 P 19981119 CA REFW CORRESPONDS TO PCT
APPLICATION (ENTSPRICHT PCT ANMELDUNG)
WO 9744608 P

GERMANY (DE)

Patent (No, Kind, Date): DE 69707665 C0 20011129

ROHRVERBINDUNG MIT UEBERWURFMUTTER (German)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD A (US)

Priority (No, Kind, Date): US 651646 A 19960522; WO 97US8701 W
19970520

Applic (No, Kind, Date): DE 69707665 A 19970520

IPC: * F16L-019/02

Derwent WPI Acc No: * G 98-018616

Language of Document: German

Patent (No, Kind, Date): DE 69707665 T2 20020808

ROHRVERBINDUNG MIT UEBERWURFMUTTER (German)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD A (US)

Priority (No, Kind, Date): US 651646 A 19960522; WO 97US8701 W

19970520
Applic (No,Kind,Date): DE 69707665 A 19970520
IPC: * F16L-019/02
Derwent WPI Acc No: * G 98-018616
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69707665 P 20011129 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69707665 P 20020808 DE 8373 EP 898676 P 20011129
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST
EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 898676 A1 19990303

INTEGRAL PUP JOINT (English; French; German)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD PAUL A (US)

Priority (No,Kind,Date): WO 97US8701 W 19970520; US 651646 A
19960522

Applic (No,Kind,Date): EP 97924793 A 19970520

Designated States: (National) DE; ES; FR; GB; NL

IPC: * F16L-019/02

Derwent WPI Acc No: * G 98-018616

Language of Document: English

Patent (No,Kind,Date): EP 898676 A4 19990818

INTEGRAL PUP JOINT (English; French; German)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD PAUL A (US)

Priority (No,Kind,Date): WO 97US8701 W 19970520; US 651646 A
19960522

Applic (No,Kind,Date): EP 97924793 A 19970520

Designated States: (National) DE; ES; FR; GB; NL

IPC: * F16L-019/02

Derwent WPI Acc No: * G 98-018616

Language of Document: English

Patent (No,Kind,Date): EP 898676 B1 20011024

INTEGRAL PUP JOINT (English; French; German)

Patent Assignee: FMC CORP (US)

Author (Inventor): CRAWFORD PAUL A (US)

Priority (No,Kind,Date): WO 97US8701 W 19970520; US 651646 A
19960522

Applic (No,Kind,Date): EP 97924793 A 19970520

Designated States: (National) DE; ES; FR; GB; NL

IPC: * F16L-019/02

Derwent WPI Acc No: * G 98-018616

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 898676 P 19960522 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 898676 P 19970520 EP AA US 651646 A 19960522
PCT-APPLICATION
(PCT-ANMELDUNG)

EP 898676 P 19970520 EP AE WO 97US8701 W 19970520
EP-APPLICATION
(EUROPÄISCHE ANMELDUNG)
EP 97924793 A 19970520

EP 898676	P	19990303	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE ES FR GB NL	
EP 898676	P	19990303	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 898676	P	19990303	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			981116	
EP 898676	P	19990818	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			DE ES FR GB NL	
EP 898676	P	19990818	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
			19990701	
EP 898676	P	20010103	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20001116	
EP 898676	P	20011024	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
			DE ES FR GB NL	
EP 898676	P	20011024	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 898676	P	20011129	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69707665	P 20011129
EP 898676	P	20020101	GB IF02/REG	EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 898676	P	20020329	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 898676	P	20020416	ES FG2A/REG	DEFINITIVE PROTECTION (PROTECCION DEFINITIVA)
			2166543T3	

SPAIN (ES)

Patent (No,Kind,Date): ES 2166543 T3 20020416
 JUNTA DE EMPALME INTEGRAL. (Spanish)
 Patent Assignee: FMC CORP
 Author (Inventor): CRAWFORD PAUL A (US)
 Priority (No,Kind,Date): US 651646 A 19960522
 Applic (No,Kind,Date): ES 97924793 EP 19970520
 Addnl Info: 898676 EP patent valid in AT
 IPC: * F16L-019/02
 Derwent WPI Acc No: * G 98-018616
 Language of Document: Spanish

NORWAY (NO)

Patent (No,Kind,Date): NO 9805466 A 19981123
 INTEGRERT STUBBR R (Norwegian)
 Patent Assignee: FMC CORP (US)
 Author (Inventor): CRAWFORD PAUL A (US)
 Priority (No,Kind,Date): US 651646 A 19960522; WO 97US8701 W 19970520
 Applic (No,Kind,Date): NO 985466 A 19981123
 IPC: * F16L-019/02
 Derwent WPI Acc No: * G 98-018616
 Language of Document: Norwegian

Patent (No,Kind,Date): NO 805466 A0 19981123
INTEGRERT STUBBR R (Norwegian)
Patent Assignee: FMC CORP (US)
Author (Inventor): CRAWFORD PAUL A (US)
Priority (No,Kind,Date): US 651646 A 19960522; WO 97US8701 W
19970520
Applic (No,Kind,Date): NO 985466 A 19981123
IPC: * F16L
Derwent WPI Acc No: * G 98-018616
Language of Document: Norwegian

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5791693 A 19980811
PUP JOINT WITH INTEGRAL WING NUT RETENTION SHOULDER (English)
Patent Assignee: FMC CORP (US)
Author (Inventor): CRAWFORD PAUL A (US)
Priority (No,Kind,Date): US 962182 A 19971031; US 651646 B1
19960522
Applic (No,Kind,Date): US 962182 A 19971031
National Class: * 285023000; 285354000; 285387000; 285388000
IPC: * F16L-019/025
Derwent WPI Acc No: * G 98-018616
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
US 5791693 P 19960522 US AA PRIORITY
US 651646 B1 19960522
US 5791693 P 19971031 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 962182 A 19971031
US 5791693 P 19980811 US A PATENT
US 5791693 P 20020618 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20011109

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9744608 A1 19971127
INTEGRAL PUP JOINT (English)
Patent Assignee: FMC CORP (US)
Author (Inventor): CRAWFORD PAUL A
Priority (No,Kind,Date): US 651646 A 19960522
Applic (No,Kind,Date): WO 97US8701 A 19970520
Designated States: (National) BR; CA; MX; NO (Regional) AT; BE; CH;
DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
Filing Details: WO 120000 With international search report; With
amended claims and statement
IPC: * F16L-019/02
Derwent WPI Acc No: * G 98-018616; G 98-018616
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):
WO 9744608 P 19960522 WO AA PRIORITY (PATENT)
US 651646 A 19960522
WO 9744608 P 19970520 WO AE APPLICATION DATA (APPL.
DATA)
WO 97US8701 A 19970520
WO 9744608 P 19971127 WO AK DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
(DESIGNATED STATES CITED IN A PUBLISHED APPL.
WITH SEARCH REPORT)
BR CA MX NO
WO 9744608 P 19971127 WO AL DESIGNATED COUNTRIES FOR

REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE

WO 9744608	P	19971127	WO A1	PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9744608	P	19980226	WO DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9744608	P	19980318	WO 121	EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9744608	P	19981119	WO ENP	ENTRY INTO THE NATIONAL PHASE IN: CA 2255630 AA

Query/Command : us5791693/pn

Query/Command : PRT SS 1 MAX 1-5 LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

Patent Number :

US5791693 A 19980811 [US5791693]

Title :

(A) Pup joint with integral wing nut retention shoulder

Patent Assignee :

(A) FMC CORP (US)

Inventor(s) :

(A) CRAWFORD PAUL A (US)

Application Nbr :

US96218297 19971031 [1997US-0962182]

Priority Details :

US65164696 19960522 [1996US-0651646]

US96218297 19971031 [1997US-0962182]

Intl Patent Class :

(A) F16L-019/025

EPO ECLA Class :

F16L-019/02

US Patent Class :

ORIGINAL (O) : 285023000; CROSS-REFERENCE (X) : 285354000 285387000 285388000

Document Type :

Corresponding document

Citations :

1 / 1 LGST - ©LEGSTAT

Patent Number :

US 5791693 [US5791693]

Application Details :

US 962182/97 19971031 [1997US-0962182]

Document Type :

US-P

Action Taken :

19971031 US/AE-A

APPLICATION DATA (PATENT)

US 962182/97 19971031 [1997US-0962182]

19980811 US/A

PATENT

20020618 US/RF

REISSUE APPLICATION FILED

20011109

Update Code :

2002-26

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

5,791,693 A 19980811 [US5791693]

Patent Assignee :

FMC Corp

Actions :

20011109 REASSIGNED

ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: FMC CORPORATION DATE SIGNED: 08/28/2001

Assignee: FMC TECHNOLOGIES, INC. 200 E. RANDOLPH DRIVE CHICAGO ILLINOIS 60601

Reel 012365/Frame 0395

Contact: FULBRIGHT & JAWORSKI L.L.P. MARK T. GARRETT 600 CONGRESS AVENUE,
SUITE 2400 AUSTIN, TX
78701

20011109 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20020618

REISSUE REQUEST NUMBER: 10/008106

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3626

Reissue Patent Number:

20011220 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: FMC CORPORATION DATE SIGNED: 11/26/2001

Assignee: FMC TECHNOLOGIES, INC. 200 EAST RANDOLPH DRIVE CHICAGO ILLINOIS 60601

Reel 012707/Frame 0130

Contact: FMC TECHNOLOGIES, INC. MICHAEL C. PENN INTELLECTUAL PROPERTY LAW
DEPARTMENT 200 E.
RANDOLPH DRIVE CHICAGO, IL 60601

1 / 1 PAST - ©Thomson Derwent
Accession Number :

200225-001687
Patent Number :

5791693 A [US5791693]
Official Gazette Date :

2002-06-18
Actions :

REISSUE APPLICATION FILED

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---CASES & ADMINISTRATIVE DECISIONS---

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PTOMNI 1 FEDCTS, PTO, ITC, ALLREG
CASES 1 FEDCTS, PTO & ITC
FEDCTS 2 Patent cases from Fed. Cts.
CCPA 2 Ct Customs & Patent Appeals
CAFC 2 Patent cases from Fed. Cir.
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IPLR 6 Intell Prop Law Rev Articles

-----PATENTS GROUP FILES-----

ALL 4 UTIL, DESIGN, PLANT, SIR,
REEXAM & REISS
ALLPAT 4 Comb. ALL & INTPAT

-----U.S. PATENTS-----

UTIL 4 Full Text Patents from 1836
DESIGN 4 Full Text Patents from 1843
PLANT 4 Full Text Patents from 1931
USPGP 4 Pre-Grant Pubs. from 3/2001
PATNEW 4 U.S. Grants Early Update

News, comments
- JnLS

* Selected coverage 1/15/71 to 12/3/74

LEVEL 1 - 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5791693

<=1> GET 1st DRAWING SHEET OF 2

August 11, 1998

Pup joint with integral wing nut retention shoulder

REISSUE: November 9, 2001 - Reissue Application filed Ex. Gp.: 3626; Re. S.N.
10/008,106 June 18, 2002

APPL-NO: 08962182

FILED-DATE: October 31, 1997

GRANTED-DATE: August 11, 1998

CORE TERMS: sub, pup, male, pipe, female, shoulder, retainer, segments, wing
nut, nut ...

5791693 OR 5,791,693

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5791693 OR 5,791,693

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5791693 OR 5,791,693

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